

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed
ORIGINAL

Operator: License # 30717	API No. 15 - 195-22, 242-00-00
Name: DOWNING-NELSON OIL CO., INC.	County: Trego
Address: P.O. Box 372 RECEIVED	160 S of _NE-NW-SE sec. 13 twp. 13 s. R. 21W ☐ East ▼ West
City/State/Zip: Hays, KS 67601	feet from (S) (circle one) Line of Section
Purchaser: NCRA MAR 0 4 2004	1650 feet from (E) (clrcle one) Line of Section
Operator Contact Person: Ron Nelson KCC WICHITA	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 628–3449	(circle one) NE (SE) NW SW
Contractor: Name: Discovery Drilling Co., Inc.	Lease Name: Kuhn Well #: 2-13
License: 31548	Field Name: Herbert
Wellsite Geologist: Ron Nelson	Producing Formation: LKC & Marmaton
Designate Type of Completion:	Elevation: Ground: 2194 Kelly Bushing: 2202
X New Well Re-Entry Workover	Total Depth: 3950 Plug Back Total Depth:
X OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 221.74 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1521
Operator:	feet depth to Surface w/ 180 sx cmt.
Well Name:	(15sks In Rat Hole)
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) ALT #2 KJR 5/24/0
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 17,000 ppm Fluid volume 320 bbls
Plug BackPlug Back Total Depth	Dewatering method used Evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	·
1/8/04 1/15/04 1/16/04	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202 within 120 days of the soud date, recompletion, workeye	2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regular herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully compiled with and the statements
Signature: Ron Nelson	KCC Office Use ONLY
Title: Pre 510 ENT Date: 3-3-04	Letter of Confidentiality Attached
Subscribed and sworn to before me this day of	If Denied, Yes Date:
	Wireline Log Received
1 3004 De 1 1 1 0 - 0 -	Geologist Report Received
Notary Public: 4. 4.	UIC Distribution
Date Commission Expires: 8:-31-65.	

CHRIS A DREILING NOTARY PUBLIC STATE OF KANSAS My Appt Expires 8-31-05

Operator Name:	DOWNING-NELS	ON OIL CO., I	IC. Lease	∍ Name:	Kuhn		_ Well #;2	2–13				
Sec. 13 Twp	13 s. R. 21W	☐ East ☐ West	Count	y:	Trego							
temporature, fluid re	covery, and flow rates	ind base of formations and shut-in pressures s if gas to surface test, inal geological well site	, whether s along with:									
Drill Stem Tests Tak (Attach Additiona		∑ Yes ☐ No		□¾ı	.og Formati	on (Top), Depth a	nd Datum	Sample				
Samples Sent to Ge	ological Survey	Yes X No		Nam		Datum						
Cores Taken Electric Log Run (Submit Copy)		☐ Yes 【 No 【 X Yes ☐ No		Ba:	op Anhy. 1543 +661 ase Anhy. 1587 +617 opeka 3233 -1029 eebner 3462 -1258							
List All E. Logs Run	:			i .	conto	348	81 -12	277				
CDN	IL/GR, DIL,	Sonic, .Mic		Cor	c maton nglomera ouckle	350 374 379 te 388 391	42 -15 97 -15 86 -16	38 93 82				
		CASING Report all strings set-	RECORD		w Used	ion oto						
Purpose of String Size Hole S		Size Casing	Weig	ght	Setting	Type of	# Sacjs	Type and Percent				
Surface Pip		Set (In O.D.) 8 5/8	Lbs. /		Depth 221.74	Common	150	Additives 2%Ge1&3%CC				
Production S	t. 77/8	5 1	14		3947.90		150					
			DV Too	1 a	1521	SMDC	180	The second secon				
		ADDITIONAL			EEZE RECORD	SPIC	100					
Purpose; —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Type of Cement	#Sacks			Type and Pe	rcent Additives						
Shots Per Foot	PERFORATIO Specify Fo	N RECORD - Bridge Plug potage of Each Interval Per	s Set/Type forated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth							
4	3818-22, 3	3824-30		·	750 gal	. 15% MC	!A	3818				
TUBING RECORD	Size 2 3/8"	Set At 3945	Packer At		Liner Run							
Date of First, Resumerd	Production, SWD or Ent		od		l	Yes No	The second section is a second					
2-]	L2-04] Flowing	× Pumping	Gas Lift	Other	(Explain)				
Estimated Production Per 24 Hours	i		Mcf	Water	Bbl	s. Gas	s-Oil Ratio	Gravity				
Disposition of Gas	METHOD OF CO	21 MPLETION	0	0	O Production Interva		0/100	43				
Vented Sold	Used on Lease bimit ACO-18.)	Open Hole Other (Specif	XPerf.	Di	ually Comp.	Commingled						

LIED CEMENTING CO., INC. 13969 ORIGINAL

BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

- Sandara	SEC.	TWP.	DANGE	Tax	I ED OUT	Tour ocument	Trans	
DATE 1-8-03	SEC.	I WF.	RANGE	CAI	LLED OUT	ON LOCATION	JOB START	JOB FINISH A
LEASE KUHA	WELL# Z	2-12	LOCATION	-/	1/2 1/2	211-12 1	COUNTY	STATE
OLD OR NEW (C			LOCATION E	LLL	1/201/4	SIZW M	TRECO	IRS
OLD ORINEW (C	ircle one)						12040	
CONTRACTOR	DISCO	NERN			OWNER			
TYPE OF JOB	SURF							
HOLE SIZE	12/4		222		CEMENT			
CASING SIZE	878		TH ZZI		AMOUNT OR	DERED_15	0 com 3	POCC
TUBING SIZE		DEP	TH				Ź	290 GEL
DRILL PIPE		DEP	TH	~~~~				
TOOL		DEP		Company or the party of the par				·
PRES. MAX			IMUM		COMMON	150	•	7075
MEAS. LINE	N OCO		E JOINT		POZMIX		_@	
CEMENT LEFT I PERFS.	N CSG.	10-15			GEL	3	@ <u></u>	3000
DISPLACEMENT	r	13.3	(5)		CHLORIDE _		_@_ _ 3⋜7≅	<u> 150 ° = </u>
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Serviser Ser	ices, Inc.	ADDRESS  CITY, STATE,							MCHITA	Nº 6	3 4 8	
2	TICKET TYPE OF SALES  WELL TYPE	ONTRACTOR	Ruha	COUNTY/PARISH  RIG NAME/NO.	STATE  K, SHIPPED VIA	DELIVERED	O TO	Ž	8	1	OWNER Same	
4. REFERRAL LOCATION	INVOICE INSTRUC		L CATEGORY Development	JOB PURPOSE  Cont. 51/2" Proch.	Çiç.	WELL PERM	MIT NO.		V	VELL LOCATION		
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT	DF T	DESCRIPTION		QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOU	NT
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ATE SIGNED	TIME SIGNED	ACCEPTANCE OF	785	CITY, KS 67560 5-798-2300	SATISFACTORILY?  ARE YOU SATISFIEL  CUSTO	WITH OUR S	ERVICE?	NO RESPOND		TOTAL	355 9394	Ϊ
PERATOR MOGLE A	S. Jeyleiled	ACCEPTANCE OF N	MATERIALS AND SER VAL	VICES The customer hereby acknow	ledges receipt of the	materials an	services i	isted on this			Thank I	Coul



PO Box 466 Ness City, K\$ 67560 Off: 785-798-2300

## TICKET CONTINUATION

CUSTOMER

TICKET

No. 6348

	o, Inc.		f: 785-798-2300		Dewning + Nelson			WELL ,	2.	(3	I	DATE 1-16-04		PAGE	OE.	
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										1 1833.24%	Commence of the second of the second of	21/2/200000000		Simusor+3.		

SWIFT Services, Inc. ORIGINAL DATE -16-04 PAGENO. WELL NO. 2-13 Dawning & Nelson VOLUME (BBE) (GAL) PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS TIME T C TUBING On Loc Rig baydown rost hole Start in hole with 51/2" 14 #csq 0900 Insui Float Shoe D.V. Baffel D. U. TOP #61 C 1521' DD:15 Circulate + Rotate Cig. 10:25 Pump Sougal Mud Flush 20 Finished mixing wash out pumpthine Displace Shut off Aug 54HD, 42 mus 96 Plug down 1200ps holding
Beleasop press Floort not holding 11:20 1200 wait on cut to set Open DU MOUPST 1325 Rung 2050 DR RCL Flush 20 99 1400 weigh and raced up proces JOS Complie RECEIVED KCC WICHITA